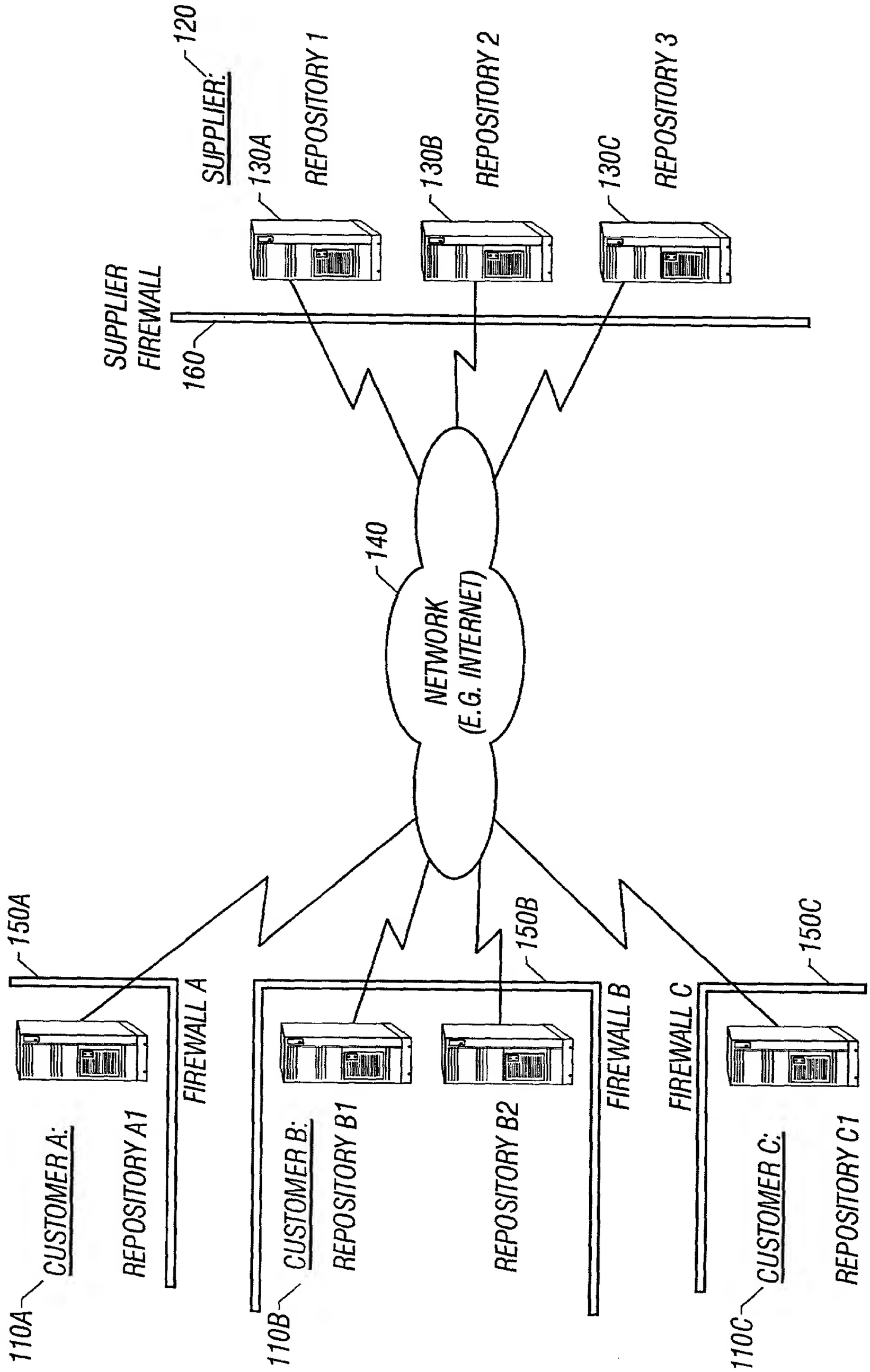

FIG. 1
(Prior Art)

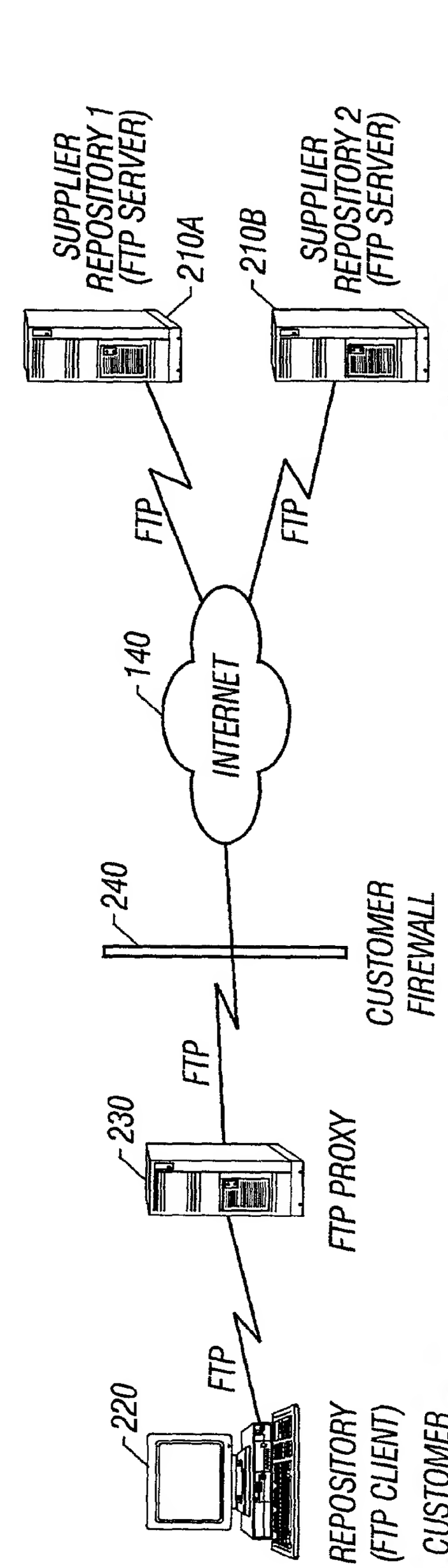

FIG. 2A
(Prior Art)

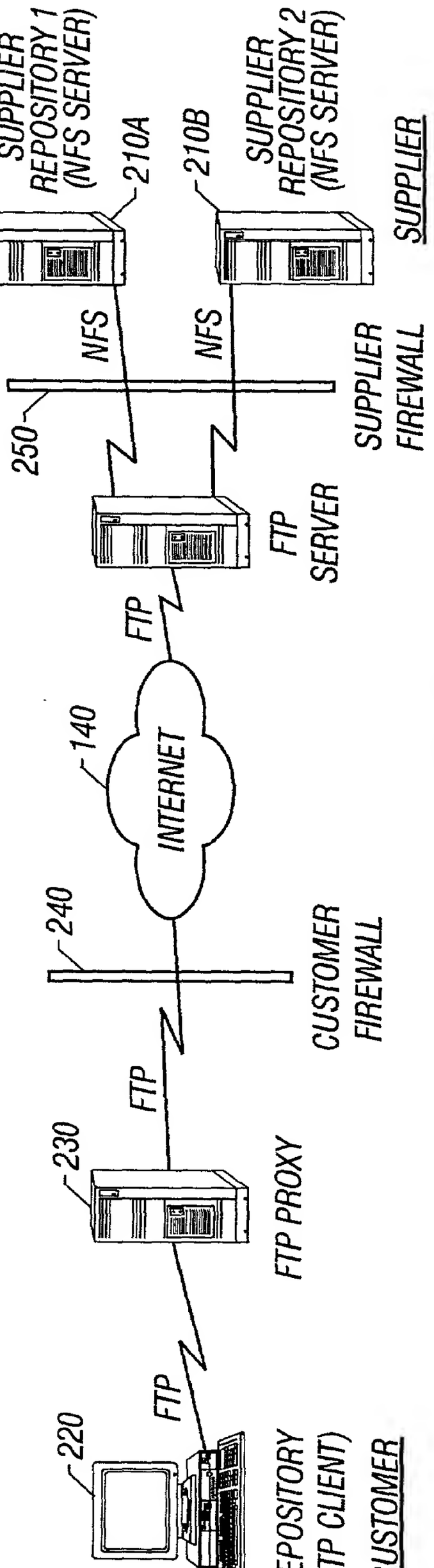

FIG. 2B
(Prior Art)

Inventor Name: Daniel S. Jorgenson
"Secure Routable File Upload/Download Across The Internet"
Attorney Docket No.: 100054?-1 Application No. 09/774,951

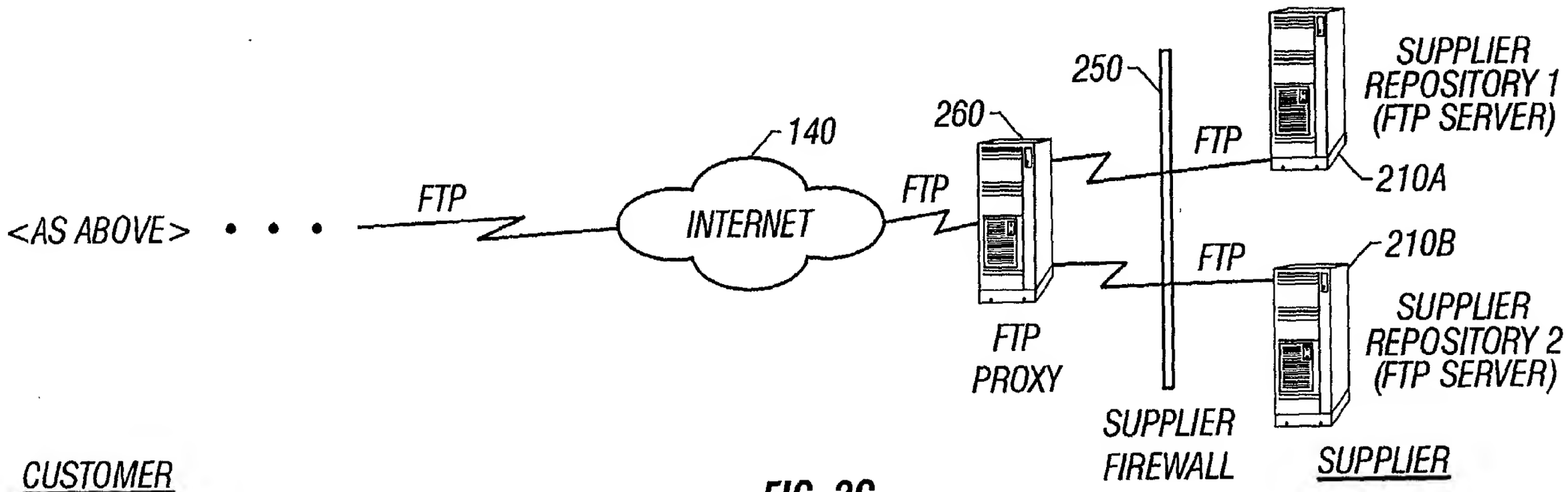

FIG. 2C
(Prior Art)

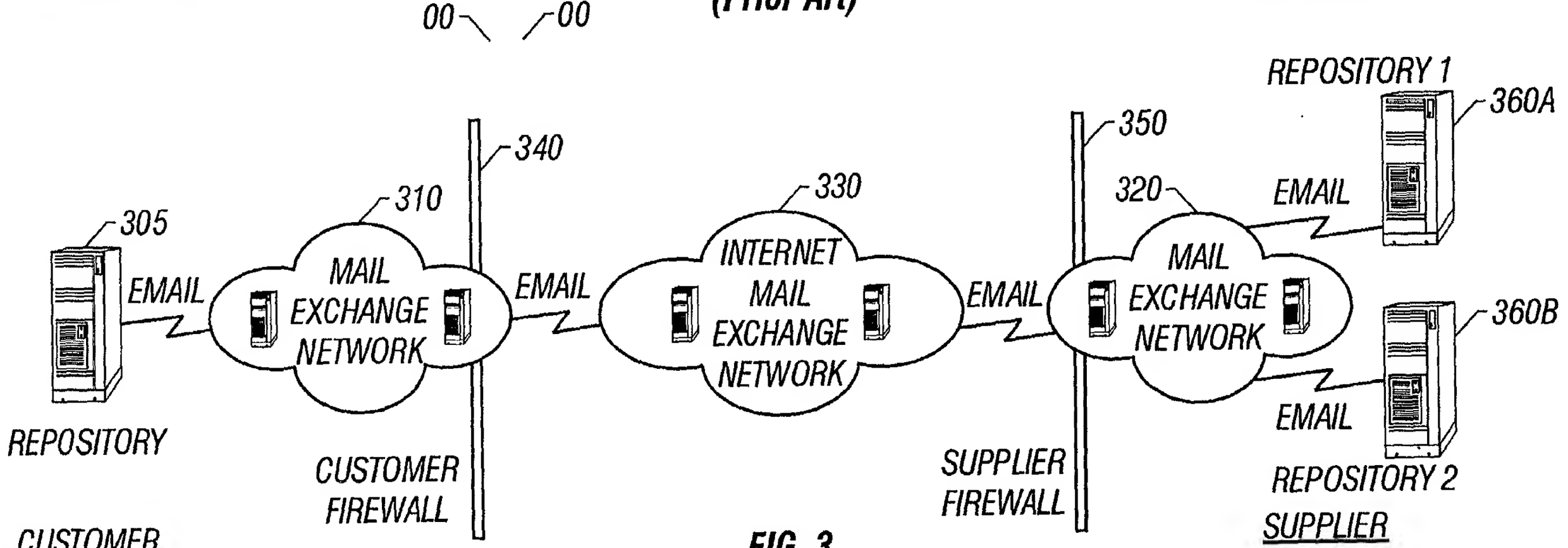

FIG. 3
(Prior Art)

Inventor Name: Daniel S. Jorgenson
"Secure Routable File Upload/Download Across The Internet"
Attorney Docket No.: 10005474-1 Application No. 09/774,951

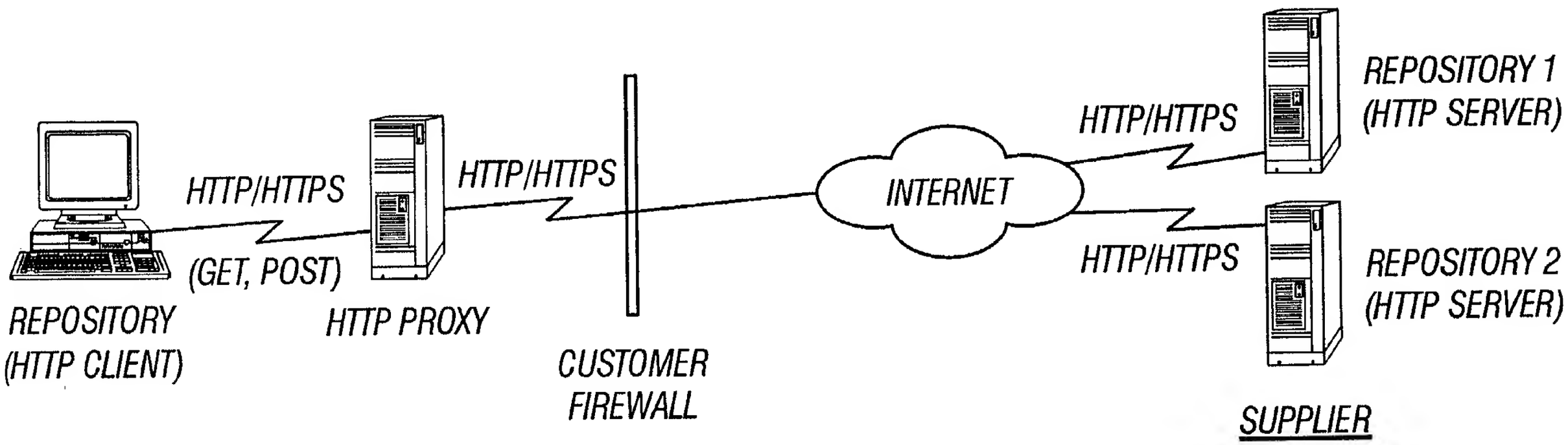

FIG. 4A
(Prior Art)

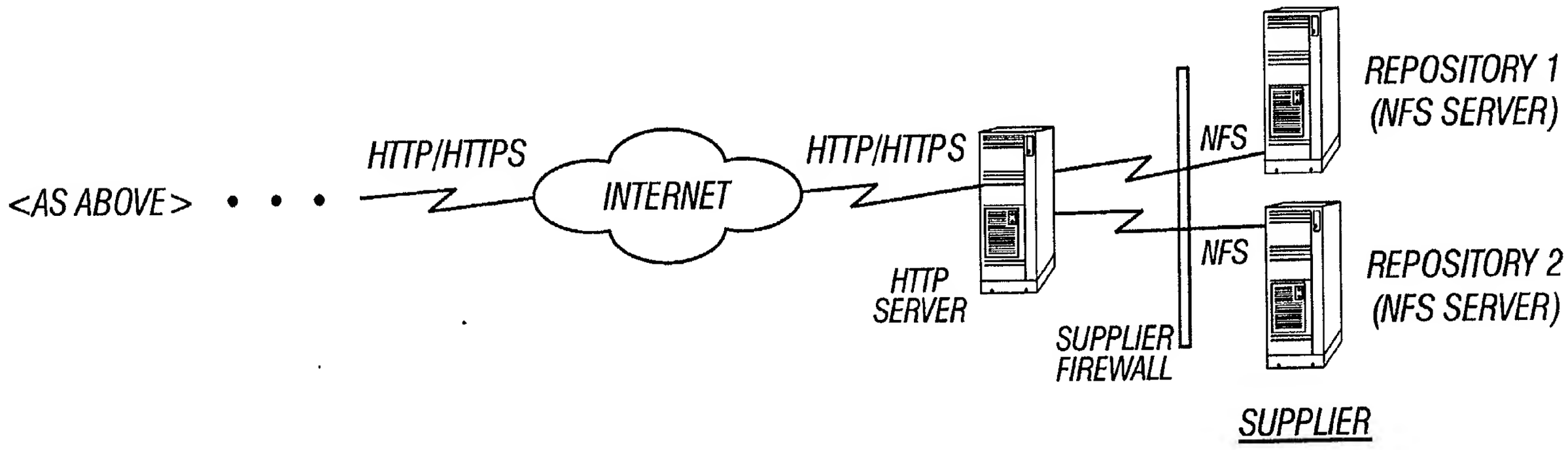

FIG. 4B
(Prior Art)

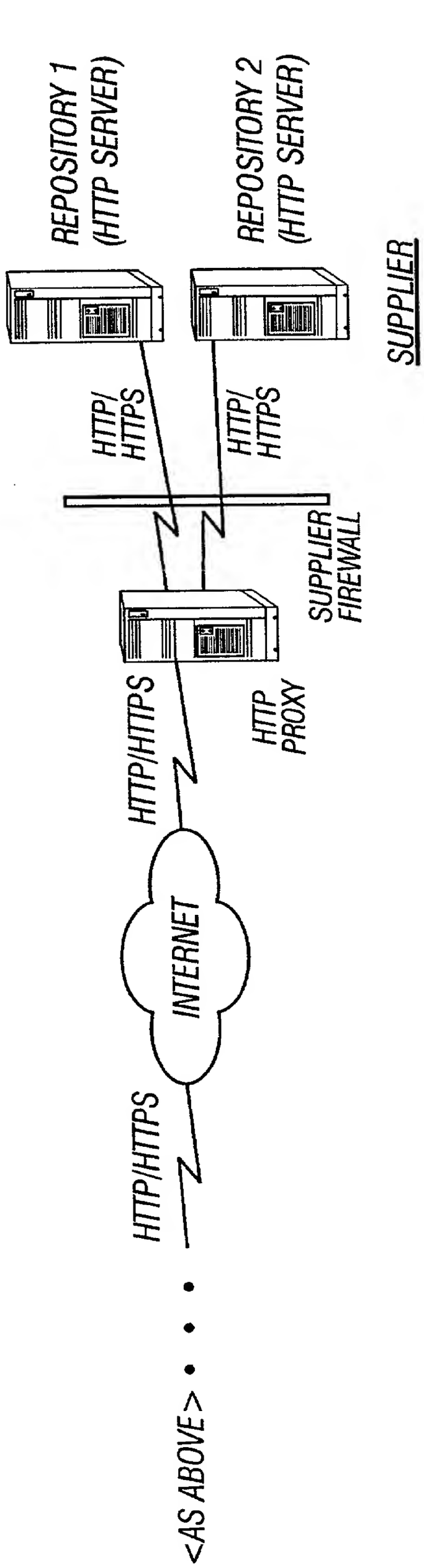

FIG. 4C
(Prior Art)

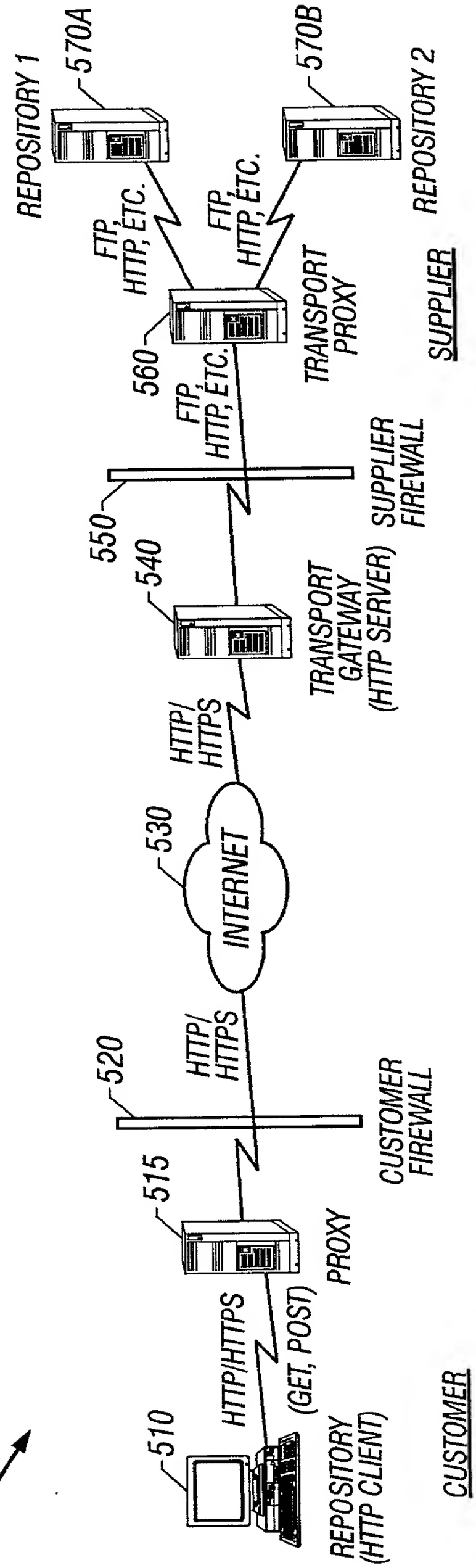

FIG. 5A
(Prior Art)

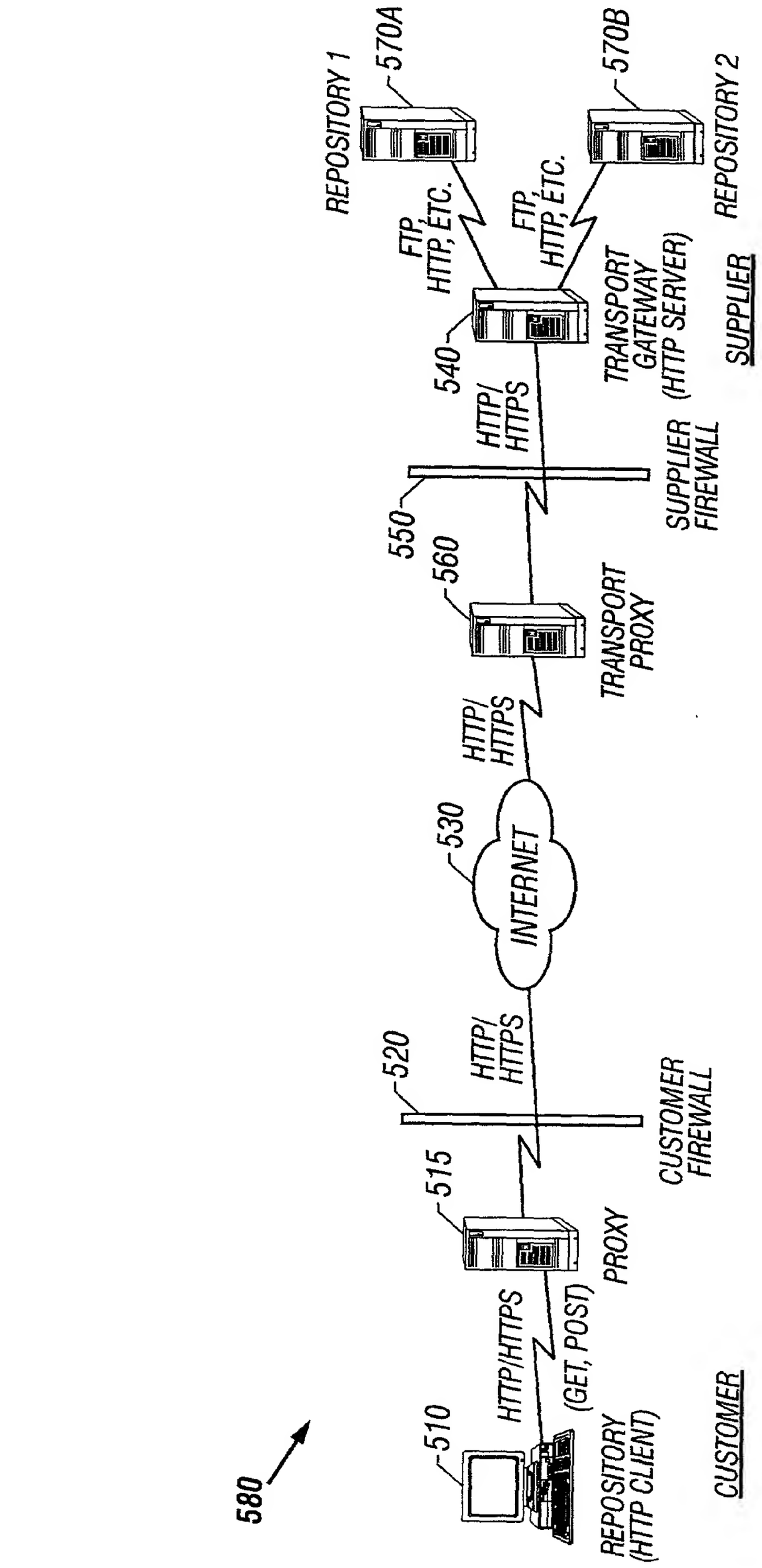

FIG. 5B
(Prior Art)

610 620 625

GET$_{LI}$/tran/bin/xaction.pl?HP-ESC-S-ID=349de55c1a39d2f600&

HP-ESC-S-AUTH=2903654345& 632 635

Geography=USA& 637

AppName=Asset& 639

Version=1.x& 641

FileName=newswefg.dat$_{LI}$HTTP/1.0 $^{CR}_{LF}$ 643

SWOP-Xaction=$_{LI}$tranGet $^{CR}_{LF}$ 630

$^{CR}_{LF}$

FIG. 6A

HTTP/1.0$_{LI}$200$_{LI}$OK $^{CR}_{LF}$ 640

SWOP-Xaction=$_{LI}$tranGet $^{CR}_{LF}$

SWOP-Version=$_{LI}$1.0.0 $^{CR}_{LF}$

SWOP-Status=$_{LI}$1$_{LI}$0$_{LI}$0K $^{CR}_{LF}$ 642

SWOP-Data=$_{LI}$Owner=scott& 645

Group=users& 647

Mode=644& 649 644

652

Timestamps=<T3>&Create=979874581&Modify=979874820&

Access=979874820 $^{CR}_{LF}$

646

Content-Type=application/x-octet-stream $^{CR}_{LF}$

$^{CR}_{LF}$

650

Hello$_{LI}$world

FIG. 6B

660 662

POST LI /tran/bin/xaction.pl LI http/1.0 CR LF

SWOP-Xaction= LI tranPut CR LF 664

672

SWOP-Data= LI HP-ESC-S-ID=349de55c1a39d2f600&

674

HP-ESC-S-AUTH=290365434&

676

Geography=USA& 678

AppName=Asset& 679

Version=1.x& 680

FileName=newswefg.dat&

682

Owner=scott& 681

Group=users& 683

Mode=644 CR LF 685

666

Content-Type= LI application/x-object-stream CR LF

Content-Length= LI 11 CR LF 668

CR
LF 670

Hello LI world

FIG. 6C

688

HTTP/1.0 LI 200 LI OK CR LF

SWOP-Xaction= LI tranPut CR LF

SWOP-Version= LI 1.0.0 CR LF 690

SWOP-Status= LI 1 LI 0 LI OK CR LF

FIG. 6D

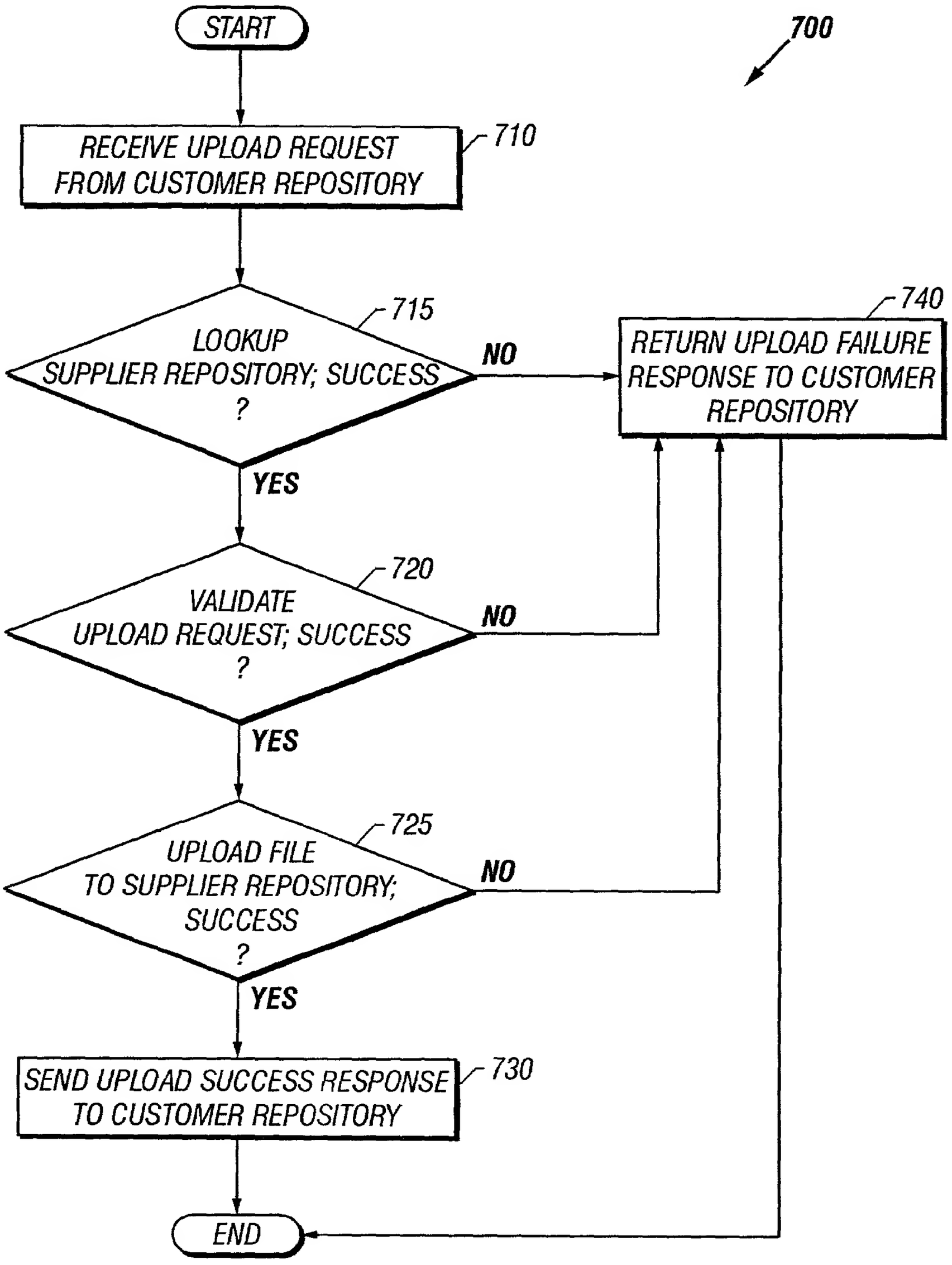
700
START
RECEIVE UPLOAD REQUEST FROM CUSTOMER REPOSITORY
710
LOOKUP SUPPLIER REPOSITORY; SUCCESS ?
715
NO
YES
RETURN UPLOAD FAILURE RESPONSE TO CUSTOMER REPOSITORY
740
VALIDATE UPLOAD REQUEST; SUCCESS ?
720
NO
YES
UPLOAD FILE TO SUPPLIER REPOSITORY; SUCCESS ?
725
NO
YES
SEND UPLOAD SUCCESS RESPONSE TO CUSTOMER REPOSITORY
730
END

FIG. 7A

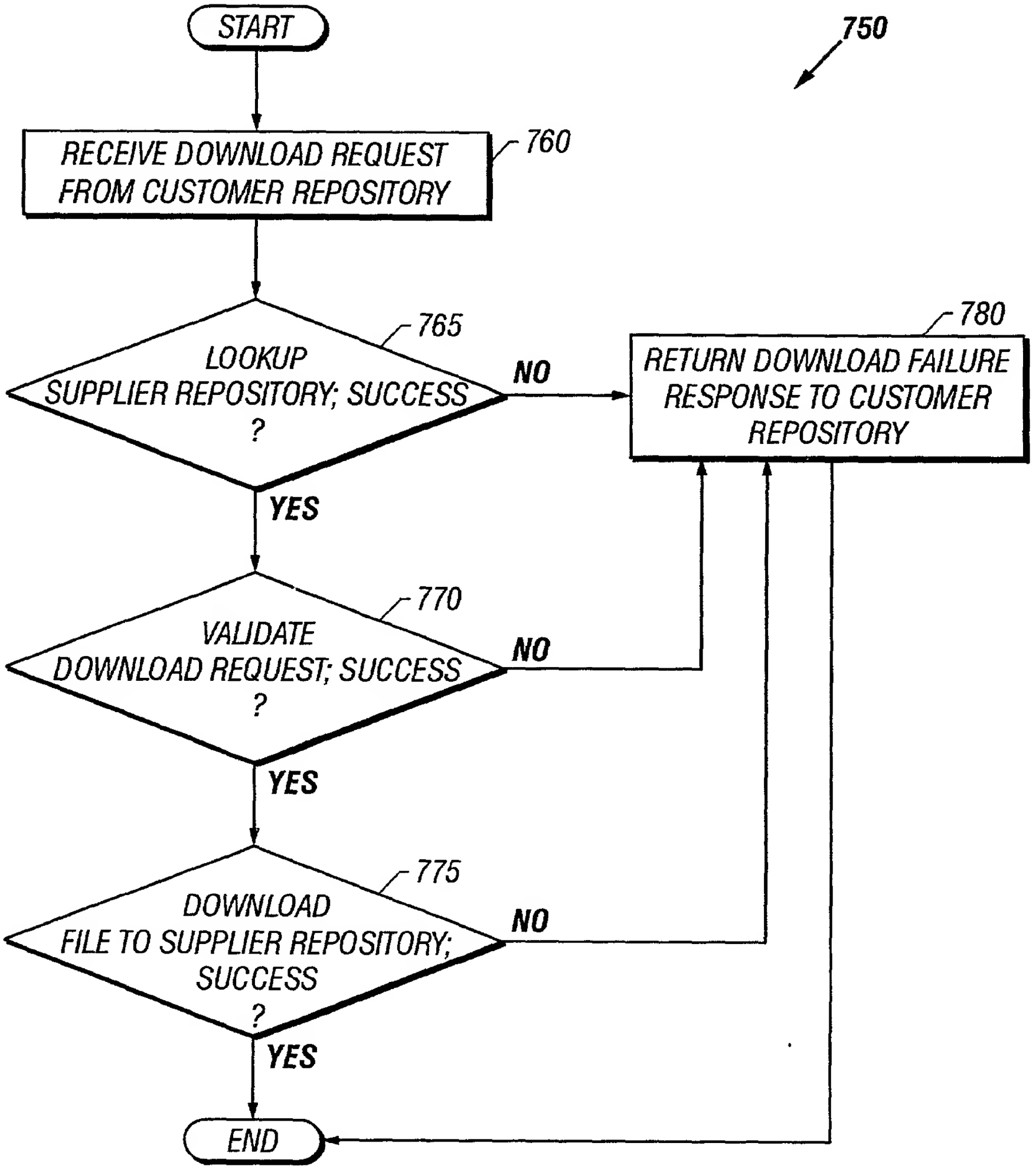
START
750
RECEIVE DOWNLOAD REQUEST FROM CUSTOMER REPOSITORY
760
LOOKUP SUPPLIER REPOSITORY; SUCCESS ?
765
NO
RETURN DOWNLOAD FAILURE RESPONSE TO CUSTOMER REPOSITORY
780
YES
VALIDATE DOWNLOAD REQUEST; SUCCESS ?
770
NO
YES
DOWNLOAD FILE TO SUPPLIER REPOSITORY; SUCCESS ?
775
NO
YES
END

FIG. 7B